

**Kagoshima Workshop on
Particles, Fields and Strings
2023**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Search for lepton flavor violation from dark sector

Sunday 19 February 2023 15:00 (45 minutes)

Presenter: SHIMOMURA, Takashi (Miyazaki U. & Kyushu U.)

Contribution ID: 2

Type: **not specified**

ミューオニウム-反ミューオニウム転換で探るレプト
ンフレーバー混合

Sunday 19 February 2023 15:45 (45 minutes)

Presenter: UESAKA, Yuichi (Kyushu Sangyo U.)

Contribution ID: 3

Type: **not specified**

レプトン数の時間発展とマヨラナタイプ位相

Sunday 19 February 2023 16:45 (45 minutes)

Presenter: SHIMIZU, Yusuke (Hiroshima U.)

Contribution ID: 4

Type: **not specified**

鹿児島情報

Sunday 19 February 2023 17:30 (20 minutes)

Presenter: ONODA, Soma (Kyushu U.)

Contribution ID: 5

Type: **not specified**

Sterile neutrinos and non-standard interactions of neutrinos

Monday 20 February 2023 09:00 (45 minutes)

Presenter: YASUDA, Osamu (Tokyo Metropolitan U.)

Contribution ID: 6

Type: **not specified**

Leptogenesis in gauged U(1)_{{L_{mu}-L_{tau}}} model

Monday 20 February 2023 09:45 (45 minutes)

Presenter: EIJIMA, Shintaro (ICRR, Tokyo U.)

Contribution ID: 7

Type: **not specified**

Modular symmetry in the string EFT

Monday 20 February 2023 11:00 (45 minutes)

Presenter: OTSUKA, Hajime (Kyushu U.)

Contribution ID: 8

Type: **not specified**

Flux compactification and the hierarchy problem

Monday 20 February 2023 11:45 (45 minutes)

Presenter: MARU, Nobuhito (NITEP/Osaka Metropolitan U.)

Contribution ID: 9

Type: **not specified**

素粒子実験における弱測定の応用について: **B** 中間子
を用いた **CP** 非保存測定を例に

Monday 20 February 2023 14:00 (45 minutes)

Presenter: TAKUBO, Yosuke (KEK)

Contribution ID: **10**

Type: **not specified**

Gradient flow exact renormalization group

Monday 20 February 2023 14:45 (45 minutes)

Presenter: SUZUKI, Hiroshi (Kyushu U.)

Contribution ID: 11

Type: **not specified**

Machine Learning Exploration of Quark and Lepton Flavor Structures

Monday 20 February 2023 16:00 (20 minutes)

Presenter: NISHIMURA, Satsuki (Kyushu U.)

Contribution ID: 12

Type: **not specified**

フレーバー構造で探る暗黒物質

Monday 20 February 2023 16:20 (20 minutes)

Presenter: MIYAO, Coh (Kyushu U.)

Contribution ID: 13

Type: **not specified**

Fractional topological charge in lattice Abelian gauge theory

Monday 20 February 2023 16:40 (20 minutes)

Presenter: ABE, Motokazu (Kyushu U.)

Contribution ID: 14

Type: **not specified**

Tensions in cosmology and its implications for new physics

Tuesday 21 February 2023 09:00 (45 minutes)

Presenter: TAKAHASHI, Tomo (Saga U.)

Contribution ID: 15

Type: **not specified**

Early cosmology with ultra-relativistic bubble wall expansion

Tuesday 21 February 2023 09:45 (45 minutes)

Presenter: YIN, Wen (Tohoku U.)

Contribution ID: 16

Type: **not specified**

Probing axions with the measurements of photon's birefringence

Tuesday 21 February 2023 11:00 (45 minutes)

Presenter: OBATA, Ippai (IPMU, Tokyo U.)

Contribution ID: 17

Type: **not specified**

原始揺らぎの量子性は観測できるか？

Tuesday 21 February 2023 11:45 (45 minutes)

Presenter: KANNO, Sugumi (Kyushu U.)

Contribution ID: **18**

Type: **not specified**

Free Discussion

Tuesday 21 February 2023 14:00 (2 hours)

Contribution ID: 19

Type: **not specified**

What can we learn from the direction of dark matter?

Wednesday 22 February 2023 09:00 (45 minutes)

Presenter: NAGAO, Keiko (Okayama U. of Science)

Contribution ID: 20

Type: **not specified**

Lepton flavor violation and DM constraints in a radiative seesaw model

Wednesday 22 February 2023 09:45 (45 minutes)

Presenter: SETO, Osamu (Hokkaido U.)

Contribution ID: 21

Type: **not specified**

Link soliton in model with $U(1)_{\text{B-L}}$ and $U(1)_{\text{PQ}}$ symmetries

Wednesday 22 February 2023 11:00 (45 minutes)

Presenter: HAMADA, Yu (KEK)

Contribution ID: 22

Type: **not specified**

The origin of pseudo-Nambu-Goldstone Dark Matter

Wednesday 22 February 2023 11:45 (45 minutes)

Presenter: TSUMURA, Koji (Kyushu U.)